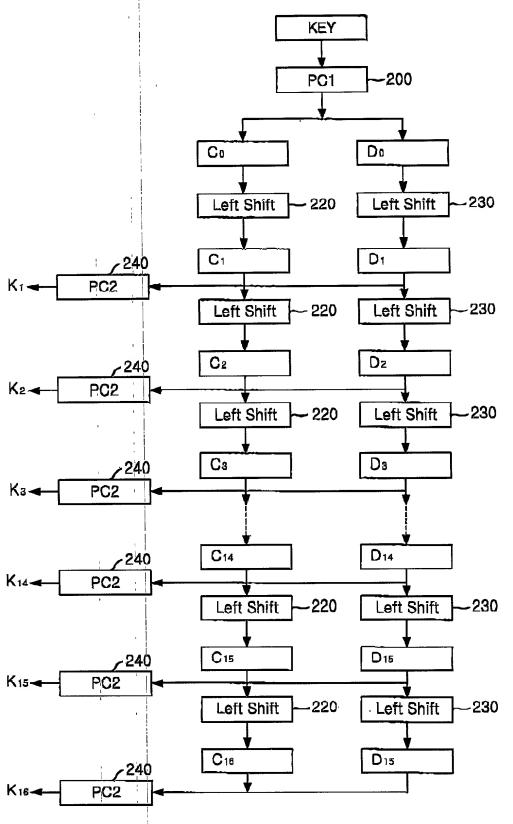
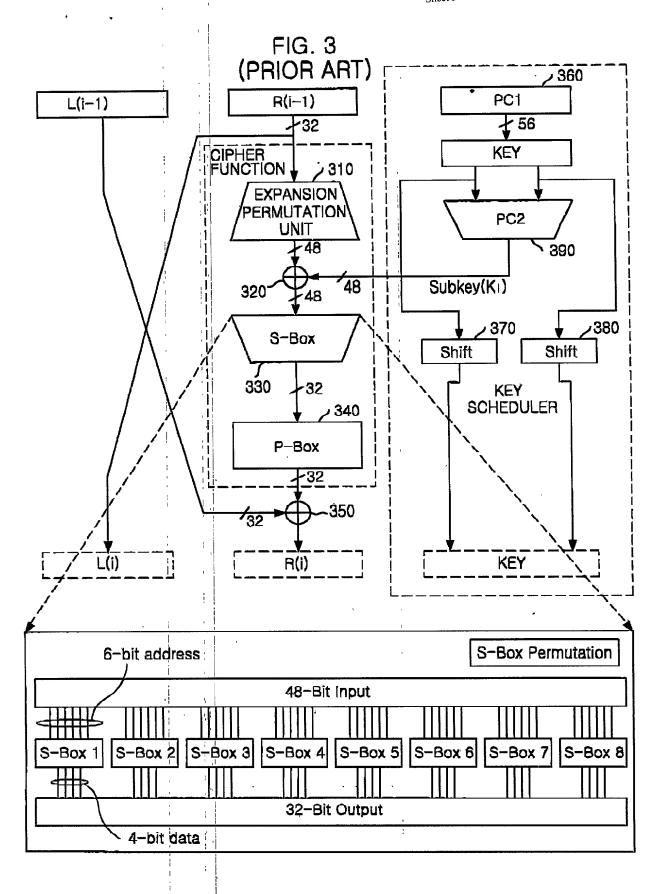


Inventor: LIM Filing Date: June 12, 2001 Attorney Docket: 281196 Sheet 2 of 12

FIG. 2 (PRIOR ART)

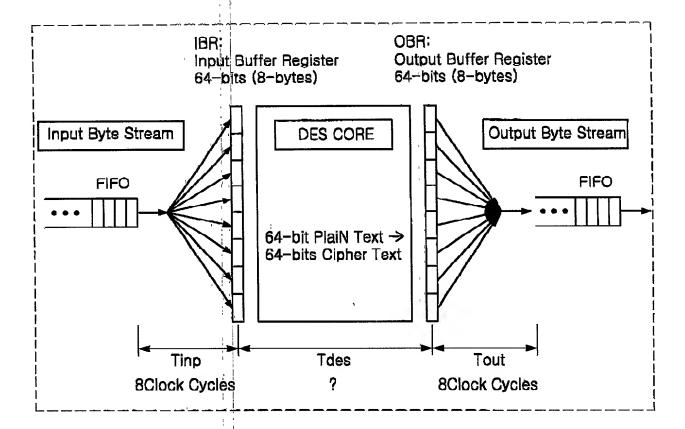


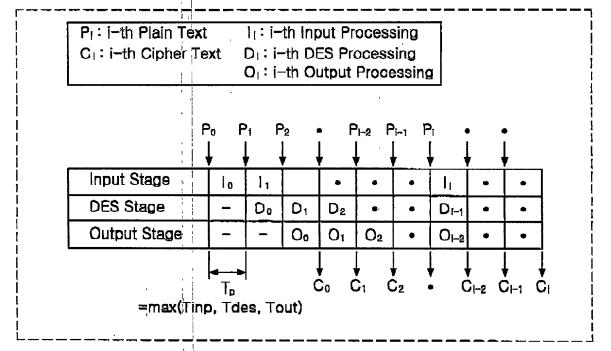


Inventor: LIM Filing Date: June 12, 2001 Attorney Docket: 281196

Sheet 4 of 12

FIG. 4 (PRIOR ART)





Inventor: LIM Filing Date: June 12, 2001 Attorney Docket: 281196 Sheet 5 of 12

FIG. 5A (PRIOR ART)

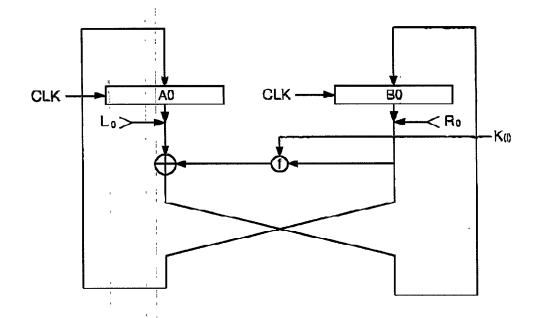


FIG. 5B

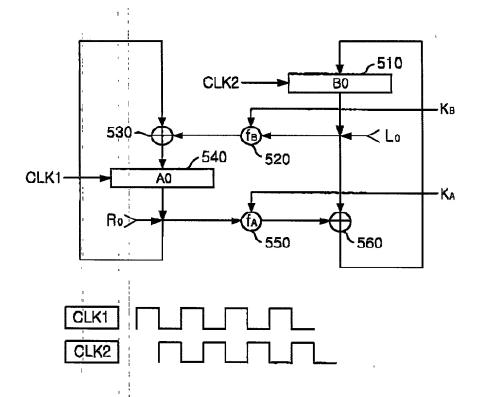
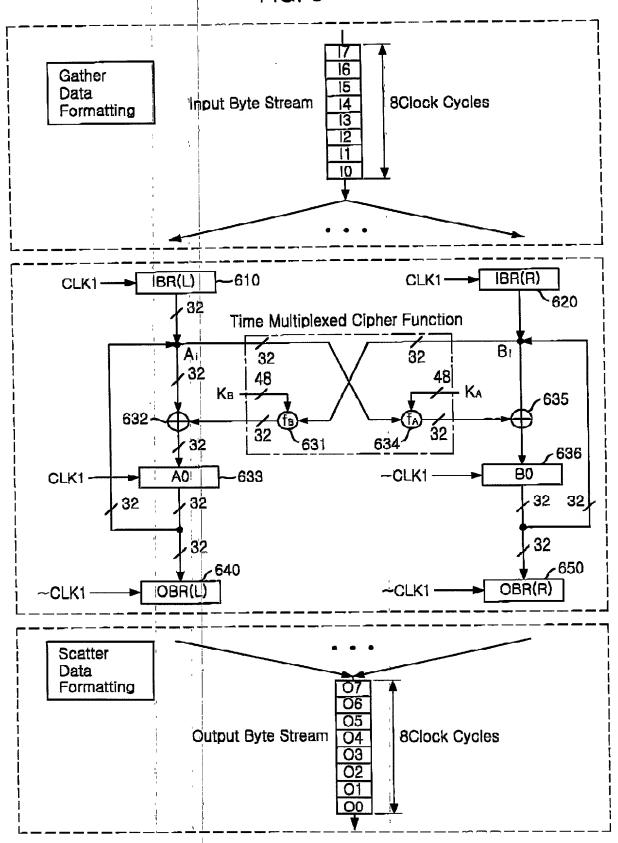
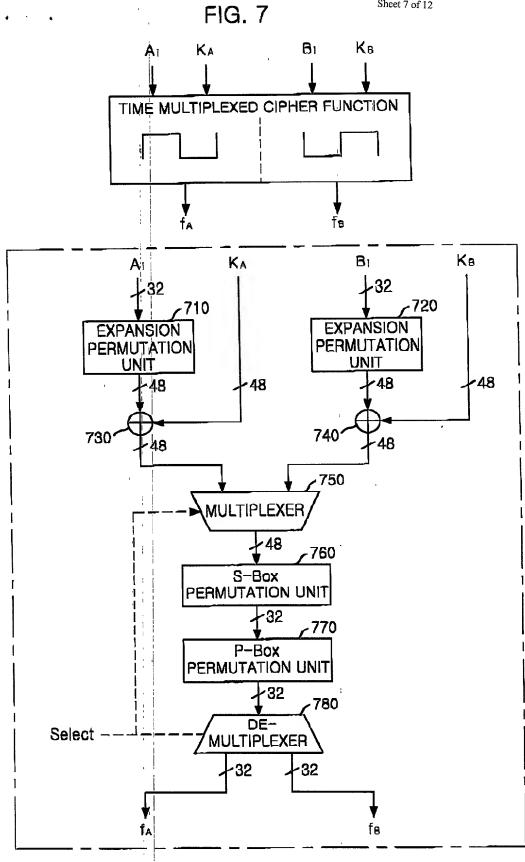


FIG. 6



Inventor: LIM Filing Date: June 12, 2001 Attorney Docket: 281196 Sheet 7 of 12



Total Shift Amount 2 6 10 17 21 21 25 0	Unit 2 28 DB TAO Spunos 8 Spuno
Left Shiff Amount 4 4 4 4 4 4 2 3	CB CLK1 CB
Hound 1(Q ₀) 1 (Q ₀) 1 (Q ₀) 2 (Q ₁) 2 (Q ₁) 1 (Q ₀	8 rounds
Unt Total Shift Amount 4 4 8 12 12 15 19 27 FIRST TIME, IT SHOULD BE 1	28 28 28 28 28 28 28 28 28 28 28 28 28 2
Left Shift Amo 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10 CA 730 PC1 CLK1 CLK1 A8 KA KA KA
8 1(P ₀) 2(P ₁) 3(P ₂) 3(P ₂) 4(P ₃) 3(P ₄) 6(P ₅) 7(P ₆) 8(P ₇) WHEN	8 rounds

Inventor: LIM Filing Date: June 12, 2001 Attorney Docker: 281196 Attorney Docker: 281196

אאן אאר אר אין אין ארוא הארדי הארדי דאא ארדי דאא בארדי דאאר דיי

FIG. 9

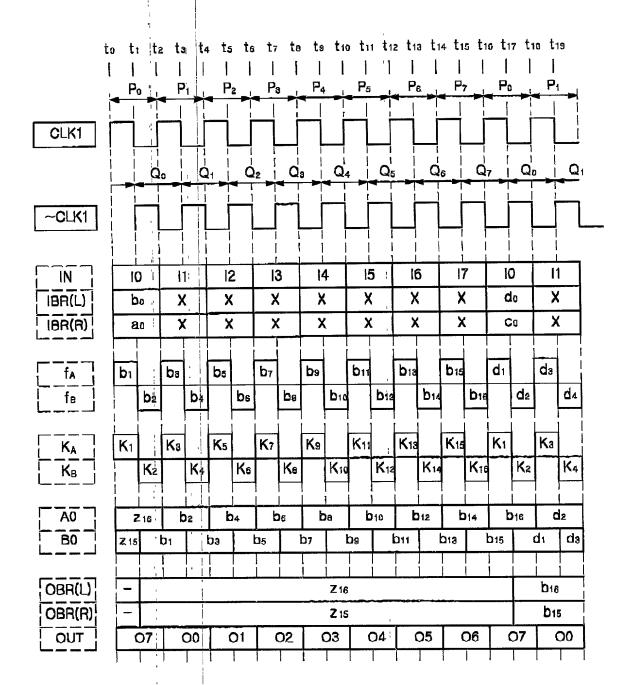
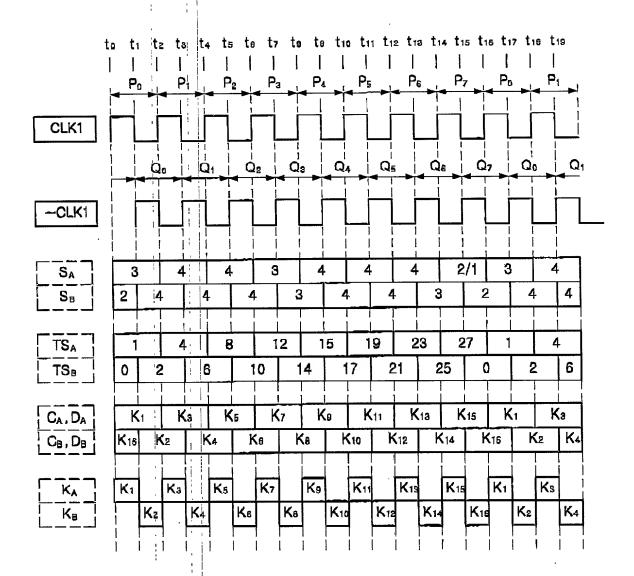


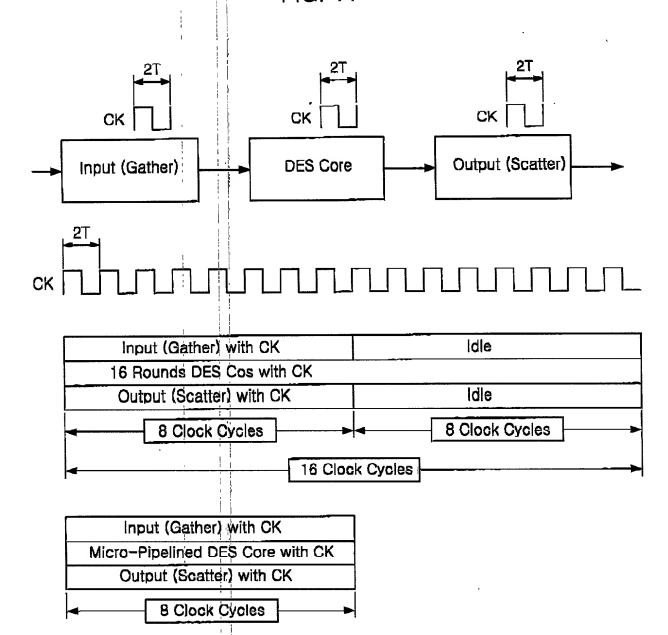
FIG. 10



1

Inventor: LIM Filing Date: June 12, 2001 Attorney Docket: 281196 Sheet 11 of 12

FIG. 11



Inventor: LIM Filing Date: June 12, 2001 Attorney Docket: 281196 Sheet 12 of 12

FIG. 12

